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REC'D		10.	AUG	2004

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

Applicant's or agent's file reference				
100835-1 WO	FOR FURTHER ACTION		on of Transmittal of Int Examination Report (Fo	
International application No.	International filing date (da	y/month/year)	Priority date (day/mo	nth year)
PCT/GB03/04217	29/09/2003		03/10/2002	
International Patent Classification (IPC) or		c		
	CO7D495/04			
Applicant				
ASTRAZENECA AB et al.				·
This international preliminary example Authority and is transmitted to the Authority and is transmitted.	mination report has been prepe e applicant according to Article	ared by this Intern e 36.	ational Preliminary Exa	mining
2. This REPORT consists of a tota	of sheets, including	ing this cover shee	t.	
been amended and are the ba	nied by ANNEXES, i.e., shee asis for this report and/or shee 507 of the Administrative Inst	ts containing rectif	fications made before th	gs which have is Authority
These annexes consists of a total of	of sheets.			
3. This report contains indications re	lating to the following items:			,
IX Basis of the report				
II Priority				
III Non-establishment of o	opinion with regard to novelty	, inventive step and	d industrial applicability	
IV Lack of unity of invent	tion			
V X Reasoned statement ur	nder Article 35(2) with regard	to novelty, inventi	ve step or industrial app	licability;
citations and explanation	ons supporting such statement	•		
VI Certain documents cite	ed .			
VII Certain defects in the i	nternational application			·
i	n the international application			*
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Date of submission of the demand	D	ate of completion	of this report	re or
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Name and mailing address of the IPEA/	A1	uthorized officer	F.	ophisches Patentamr.
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Tel. (+49-89) 2399-0, Tx: 523 Fax: (+49-89) 2399-4465	To	ei. (+49-89) 2399	2828 8.2828	
Form PCT/IPEA/409 (cover sheet) P20476	(October 2002)			Salve europee



I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

INTERNATIONAL SEARCH REPORT

tional Application No PGB 03/04217

A. CLASSIFICATION OF SUBJECT MAIL IPC 7 C07D495/04 C07D333/36

//(C07D495/04,333:00,209:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 CO7D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BEILSTEIN Data, CHEM ABS Data, EPO-Internal

A YOSHINORI NAKAMURA: "Construction of heterocyclic compounds by use of alpha-diazaphosphonates: new one-pot syntheses of indoles and isocoumarines" ORGANIC LETTERS., vol. 4, no. 14, 2002, pages 2317-20, XP002266825 ACS, WASHINGTON, DC., US ISSN: 1523-7060	1
table 1	

 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the International search 20 January 2004	Date of mailing of the International search report 13/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Alfaro Faus, I

INTERNATIONAL SEARCH REPORT

Int ional Application No PCT4GB 03/04217

Category °	Citation of document, with indication where grounding of the coloured accessors	Polonic 11 di
Calegory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SHVEDOV, V. I. ET AL: "2-Aminothieno'2,3-b!pyridine derivatives" retrieved from STN Database accession no. 78:159580 XP002266826 compound with RN = 41405-96-3 & SU 364 613 T (ORDZHONIKIDZE, S., ALL-UNION SCIENTIFIC-RESEARCH CHEMICAL-PHARMACEUTIC) 28 December 1972 (1972-12-28)	7
X	WO 01 28993 A (MERCK & CO INC) 26 April 2001 (2001-04-26) page 75 (10-3)	7
X .	SUGIYAMA, MITSUO ET AL: "Condensed thienopyrimidines. IV. Synthesis and gastric antisecretory activity of 2,3-dihydro-5H-oxazolothienopyrimidine derivatives" CHEMICAL & PHARMACEUTICAL BULLETIN (1989), 37(10), 2717-22, XP002267346 table III, compounds 4a-4d	7
X	SUGIYAMA, MITSUO ET AL: "Condensed thienopyrimidines. 5. Studies on the thermal cyclization of various ortho-formylthiophenecarbamates with ethanolamine" HETEROCYCLES (1989), 29(7), 1317-23, XP008026471 table 1, compounds 1i,1j	
X	METH-COHN, OTTO ET AL: "The preparation and formylation of 2-acetamidothiophenes" SYNTHESIS (1980), (2), 133-5, XP002267347 table 2, compounds 3b,3f	7

INTERNATIONAL SEARON REPORT

Information on patent family members

Int ional Application No PCT-GB 03/04217

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
SU 364613	Т		NONE		
WO 0128993	A	26-04-2001	AU CA EP JP WO US	1091301 A 2387840 A1 1226119 A2 2003512353 T 0128993 A2 6479512 B1	30-04-2001 26-04-2001 31-07-2002 02-04-2003 26-04-2001 12-11-2002